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I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313, on the date shown below.

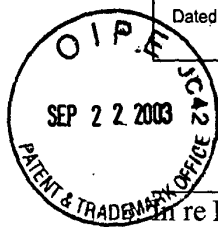
Dated: September 19, 2003

Signature:

(Cheryl Price)

2817

Docket No.: 39303.2030500  
(PATENT)



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Jun ISHII et al.

Application No.: 10/052,838

Group Art Unit: 2817

Filed: January 17, 2002

Examiner: Not Assigned

For: **DISCRIMINATOR FOR DIFFERENTLY  
MODULATED SIGNALS, METHOD USED  
THEREIN, DEMODULATOR ...**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Alexandria, Virginia 22313-1450

Dear Sir:

In accordance with 37 CFR 1.97, Applicant(s) hereby make of record the following additional documents. A PTO Form 1449 and a full copy of each of these documents accompany this statement.

Applicants have become aware of the following documents, cited in an International Search Report issued July 9, 2003 during the prosecution of international application no. 02001626.7-2218, which corresponds to the above referenced application, and in accordance with 37 CFR 1.97(c) and (e)(1) or (b)(3), hereby submit(s) these documents for the Examiner's consideration. These documents are cited on the enclosed PTO Form 1449, and a copy of the International Search Report and each document cited thereon are enclosed as well.

This statement is not to be interpreted as a representation that the cited documents are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any document herein be construed *per se* as a representation that such

document is prior art. Moreover, Applicants understand the Examiner will make an independent evaluation of the cited documents.

This Information Disclosure Statement is submitted within three months of the application filing date or before receipt of first Office Action on the merits and accordingly no fee is due.

The undersigned hereby certifies that each item contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

If the Patent Office determines an extension and/or other relief is required, applicants petition for any required relief including extensions of time and authorizes the Commissioner for Patents to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952**, referencing docket no. 393032030500. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: September 19, 2003

Respectfully submitted,

By 

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Form PTO-1449

Docket Number: 393032030500

Application Number: 10/052,838

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Jun ISHII et al.

Filing Date January 17, 2002

Group Art Unit 2817

Mailing Date September 19, 2003

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	10/08/91	5,054,359	Hikawa			
	2.	09/12/95	5,450,597	Klappert et al.			
	3.	06/03/97	5,636,250	Scarpa			
	4.	11/18/97	5,689,816	Lee et al.			
	5.	03/14/00	6,037,835	Smith et al.			

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	6.	07/14/92	EP0 544 991 A2	Europe			X

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	3.	

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.